



Crop Progress and Condition

USDA, NASS, Kentucky Field Office
David Knopf, Director
PO Box 1120
Louisville, Kentucky 40201-1120
(502) 907-3250 or 1-800-928-5277
Email: nassrfoemr@nass.usda.gov

In Cooperation with:
Univ. of KY – Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

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Agricultural News: Kentucky experienced below normal temperatures and precipitation over the past week. Precipitation for the week totaled 0.29 inches, 0.70 inches below normal. Temperatures averaged 50 degrees for the week, 6 degrees below normal. **Topsoil moisture** was rated 61 percent adequate and 39 percent surplus. **Subsoil moisture** was rated 65 percent adequate and 35 percent surplus. Days suitable for fieldwork averaged 3.6 out of a possible seven.

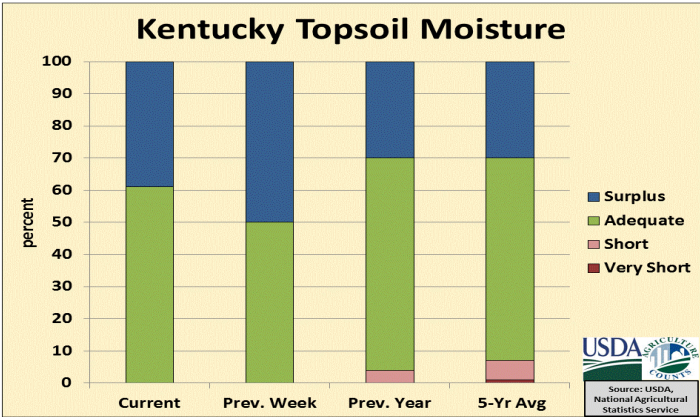
Primary activities for this week included the continuation of corn planting and tobacco transplant seeding. The weather continues to impede progress in the fields as cool, wet conditions persist. Corn planting, at 10 percent, is well behind last year at 28 percent, and the five year average of 21 percent. Sixty three percent of tobacco transplants are under 2 inches, with 26 percent 2-4 inches, and 11 percent over 4 inches. Soybean planting has been restricted by the weather and the lag in corn planting progress.

The average height of winter wheat was 17 inches, up from 13 inches last week. Average height of alfalfa hay was 9 inches, compared to 7 inches the previous week. Apple freeze damage was reported as 2 percent severe, 11 percent moderate, 31 percent light, and 56 percent with no damage. Peach freeze damage was reported as 4 percent severe, 13 percent moderate, 32 percent light, and 51 percent with no damage.

SOIL MOISTURE for week ending 04/22/18

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	-	61	39
Subsoil	-	-	65	35

- Represents zero.



CROP PROGRESS for week ending 04/22/18

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	10	3	28	21
Soybeans Planted	-	-	2	1
Tobacco Transplants Seeded	79	71	86	89
Winter Wheat Headed	2	1	41	14

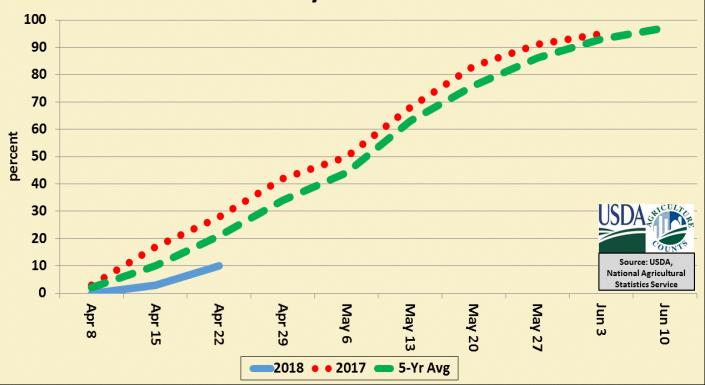
- Represents zero.

CROP CONDITIONS for week ending 04/22/18

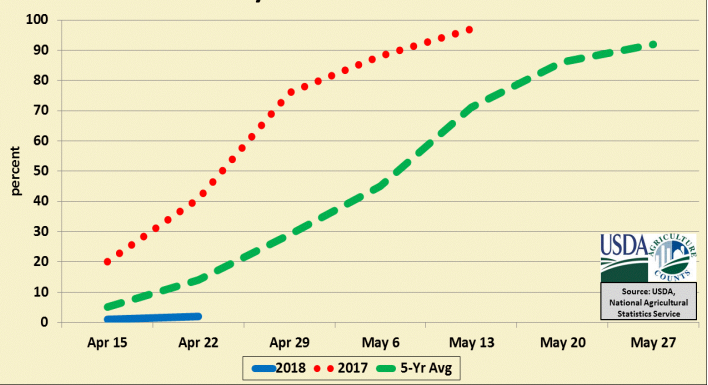
Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	3	13	34	44	6
Tobacco Transplants	-	1	10	77	12
Wheat	1	4	29	45	21

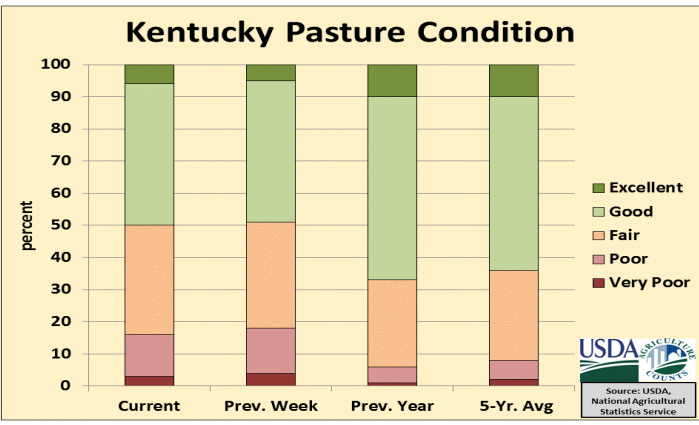
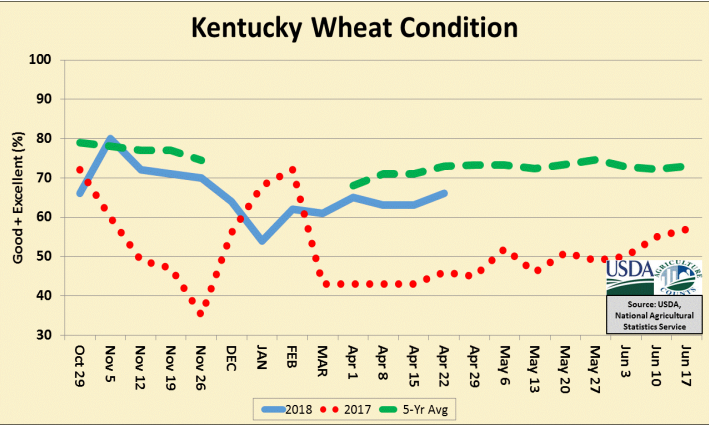
- Represents zero.

Kentucky Corn Planted



Kentucky Winter Wheat Headed





Kentucky Climate Summary
For the Period April 16, 2018 to April 22, 2018

Below Normal Temperatures and Precipitation:

Winter-like weather continues to make an appearance across the Bluegrass State. The period started with well below normal temperatures on Monday and even some bursts of intense snow showers that led to reduced visibilities at times. Lows that night dipped into the upper 20s to low 30s, which produced some patchy areas of frost. Temperatures quickly took a turn for the better on Tuesday and Wednesday with highs back in the 60s and 70s behind breezy southwesterly winds. Another cold front then moved through the area Wednesday and that night, producing a line of light to moderate showers. Yet again, this sent temperatures below normal. More frost followed the following couple of mornings, before warmth returned again over the weekend. The period closed with an upper level disturbance moving into the Ohio Valley on Sunday, producing showers across the southern half of the state. Overall, the state averaged just over a quarter inch for the week.

Temperatures for the period averaged 50 degrees across the state which was 6 degrees cooler than normal and 6 degrees cooler than the previous period. High temperatures averaged from 63 in the West to 64 in the East. Departure from normal high temperatures ranged from 7 degrees cooler than normal in the West to 5 degrees cooler than normal in the East. Low temperatures averaged from 40 degrees in the West to 36 degrees in the East. Departure from normal low temperature ranged from 7 degrees cooler than normal in the West to 5 degrees cooler than normal in the East. The extreme high temperature for the period was 83 degrees at JACKSON and the extreme low was 22 degrees at MONTICELLO AWOS.

Precipitation (liq. equ.) for the period totaled 0.29 inches statewide which was 0.7 inches below normal and 29% of normal. Precipitation totals by climate division, West 0.62 inches, Central 0.16 inches, Bluegrass 0.19 inches and East 0.19 inches, which was 0.52, 0.83, 0.72 and 0.73 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at CAMPBELLSVILLE 7W to a high of 1.74 inches at MAYFIELD 6SW.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 04/22/18 4 p.m.

Weather Station	Precipitation		Deviation From Norm Since Jan 1	Temperatures					Air Temp. Dev. From Normal
	Last Week	Since Jan 1		Soil		Air		Wkly. Avg.	
				4 In. Grass					
				High	Low	High	Low		
	(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)
Bardstown	0.20	22.99	9.67	57	44	74	26	50	-8
Berea	0.10	20.24	7.07	--	--	74	28	47	-9
Bowling Green	0.31	18.73	2.51	62	41	77	29	51	-7
Bristol	0.05	15.70	2.91	--	--	80	28	50	-6
Buckhorn Lake	0.27	16.66	2.44	--	--	78	29	49	-7
Cape Girardeau	1.42	22.26	7.76	--	--	81	30	52	-8
Campbellsville	0.00	20.18	4.17	--	--	72	26	47	-11
Covington	0.42	19.71	7.44	--	--	74	31	48	-8
Cumberland Gap	0.17	20.56	4.19	--	--	76	28	49	-7
Dix Dam	0.14	20.10	6.29	--	--	73	28	47	-9
Evansville	0.04	18.65	5.21	--	--	77	28	50	-10
Glasgow	0.09	17.63	1.18	56	44	73	28	49	-9
Grayson	0.19	19.19	7.37	--	--	72	28	48	-8
Hardinsburg	0.06	21.97	6.84	--	--	76	26	51	-7
Henderson	0.17	18.79	4.79	--	--	76	31	50	-10
Huntington	0.18	16.90	5.15	--	--	79	33	50	-6
Jackson	0.12	20.63	6.39	--	--	83	30	51	-5
Lexington	0.17	20.80	7.48	56	44	76	30	49	-7
London	0.18	19.30	4.93	--	--	80	29	49	-7
Louisville	0.09	21.33	7.41	--	--	80	32	52	-6
Mayfield	1.48	24.70	7.22	--	--	74	31	54	-6
Nashville	2.20	22.48	7.02	--	--	80	30	53	-5
Nolin Lake	0.01	20.35	5.01	--	--	76	28	51	-7
Paducah	1.29	20.84	5.08	59	45	81	30	53	-7
Princeton	0.66	20.56	3.87	64	42	78	30	53	-7
Quicksand	0.22	18.32	4.08	--	--	78	29	49	-7
Somerset	0.15	20.53	5.25	--	--	74	28	48	-8
Spindletop	0.35	24.96	11.64	56	44	75	32	48	-8
Williamstown	0.03	18.63	5.58	--	--	67	30	47	-9

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859) 218-4364.